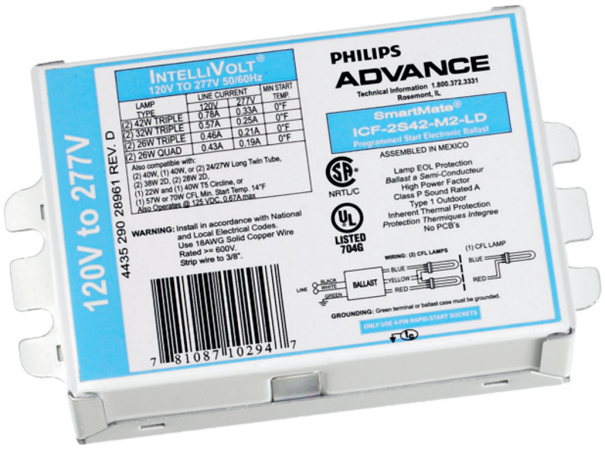


SmartMate

SMARTMATE ELE BALLAST (2) 42W CFL (4-PIN) 120-277V

Offering maximum versatility, the Philips Advance family of SmartMate ballasts for 4-pin compact fluorescent lamps drive a broad range of quad and triple-tube, circline, 2D, and long twin-tube lamps. SmartMate ballasts' energy efficient design, compact and lightweight housing, and user-friendly features make these ballasts an ideal choice for fixture manufacturers, retrofitters, and MRO replacement.

Product data

• General Information

Lamp Type	CFTR42W/GX24Q
Number of Lamps	1/2 piece/unit
Ballast Type	Electronic Fluorescent
Base Model	ICF2S42M2BS
Suitable For Outdoor Use	Yes
Automatic Restart	Yes

• Operating and Electrical

Input Voltage	120 to 277 V
Input Frequency	50-60_1 Hz
Max THD	10 %
Starting Method	Programmed Start
Lamp Current Crest Factor (Nom)	1.5
Ignition Time (Nom)	1.5 s
Ballast Factor (Nom)	0.97
Power Factor (Nom)	0.98
Input Current (Operating) (Max)	0.78 A
Input Current (Operating) (Min)	0.33 A
Input Power (Nom)	93-93 W
Rated Lamp Watts	42W W

• Wiring

Color Input Terminals	BLK & WHT
Color Output Terminals	RED, YEL & BLU
Wire Striplength	0.375 mm
Lamp Connection	Series
Wire Length By Color	No wires
Wire Gauge (Nom)	18AWG mm
Wire Type	Solid
Remote Wiring Configuration Allowed	Yes
Tandem Wiring Configuration Allowed	Yes
Through Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	1-L = 15' / 2-L = 6'
Max Ballast-Lamp Distance Tandem Wiring	2-L: Red = 6'
Max Ballast-Lamp Distance Through Wiring	2-L: Red = 6'
Connector Type	Poke-In

• Temperature

T-Case Maximum (Nom)	75 °C

• Mechanical and Housing

Housing Material	Metal
Housing	M2
Housing Dimensions	4.98" x 3.0" x 1.29"

• Approval and Application

EMC Immunity Standard	FCC Non-Consumer

PHILIPS

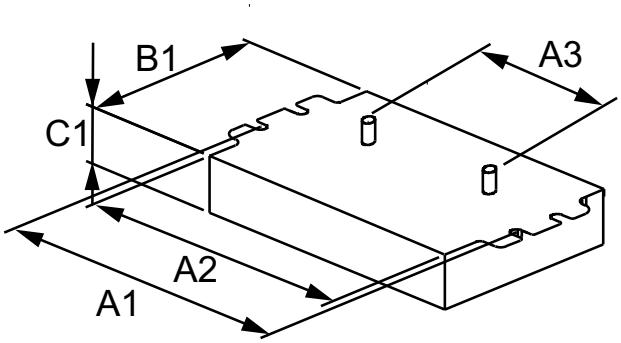
Sound Rating	A
UL Recognized	No

- Product Data

Order product name	SMARTMATE ICF2S42M2BS35M
EAN/UPC - Product	781087107430

Order code	ICF2S42M2BS35M
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913700521201
Net Weight (Piece)	0.368 kg

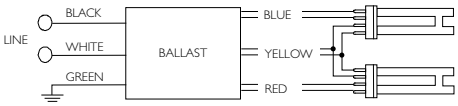
Dimensional drawing



Studs for -BS models only
-LD models do not have mounting studs

ELE BALLAST (2) 42W CFL (4-PIN) 120-277V

Product	A1	A2	A3	B1	C1
SMARTMATE ICF2S42M2BS35M	4.55 in	4.20 in	2.00 in	3.00 in	1.29 in



Green Terminal must be grounded

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